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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/633,465	07/31/2003	Corey Billington	10017468-1	7418

7590

08/02/2004

HEWLETT-PACKARD DEVELOPMENT COMPANY  
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EXAMINER

ELAMIN, ABDELMONIEM I

ART UNIT      PAPER NUMBER

2116

DATE MAILED: 08/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Handwritten signature or mark.

# Office Action Summary

Application No.

10/633,465

Applicant(s)

BILLINGTON ET AL.

Examiner

A Elamin

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26, 28 and 29 is/are rejected.
- 7) ☒ Claim(s) 27 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/31/2003.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

2. (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-26, 28-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mui et al, US. Pat. No. 6,160,642 in view of Watanabe, US. Pat. No. 6,185,010.

4. Claims 1, 13, 22-23 and 28, Mui teaches a printer/powered peripheral node (P/PPN) system [*title, abstract, Fig. 1*], comprising:

a housing [*housing 22 of Fig. 1*] configured to house a printer and at least one additional peripheral device [*scanner 57 of Fig. 1*]; and

a powered peripheral node (PPN), further comprising:

a data connection enabling data communication with the printer and the at least one additional peripheral device [*abstract, col. 2, lines 42-46*];

whereby, the at least one additional peripheral device can be located at a location of the printer and share the data connection with the printer [*Figs. 1-4*].

Mui does not explicitly teach a power supply configured to provide power to the printer and the at least one additional peripheral device.

Watanabe teaches an image forming system including a printer unit and a scanner unit. The printer unit including a power supply for both the printer and scanner units [*title abstract, Figs. 1-2 and 8*].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Mui to include a power supply configured to provide power to the printer and the at least one additional peripheral device, to avoid a cost increase for a system and inconvenience of providing a plurality of external power supply in both the printer and the at least one additional peripheral device [*see Watanabe, col. 2, lines 55-59*]

5. Claims 2, 14, Mui teaches a bay carried by the housing, the bay configured to receive the at least one additional peripheral device [*Figs. 14*].

6. Claims 3, 7-8, Mui teaches the housing comprising a plurality of housing portions, a first portion of which is a printer housing configured to enclose the printer, and a second portion of which is a peripheral module portion configured to enclose the at least one additional peripheral device ... [*portions 15 and 57 of Figs 1-4*].

7. Claims 4, 15-16, 19-20, Mui teaches the peripheral module is configured to attach to a bottom side of the printer housing [*Fig. 1*].

8. Claims 5-6, 17-18, Mui teaches the peripheral module portion is configured to attach to the printer housing portion by replacing an auxiliary paper tray of the printer [*Figs. 1-4*].

9. Claims 9, 21, Mui teaches the bay is configured to slidably receive a swappable peripheral device ... [*Figs 1-4*].

10. Claims 10, Mui fails to teach the P/PPN can communicate data wirelessly.

However, the concept of communicating data wirelessly is old and well known in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Mui to have the P/PPN communicate the data wirelessly, because it eliminates the need for peripheral cables.

11. Claim 11-12 and 24-26, Mui teaches a key which allow or not allow connection of additional peripheral devices [*Fig. 3B, col. 4, lines 6-20*].

12. Claim 29, Mui teaches a wireless connection between the printer and another device [*col. 2, line 46*].

#### ***Allowable Subject Matter***

13. Claim 27 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Conclusion***

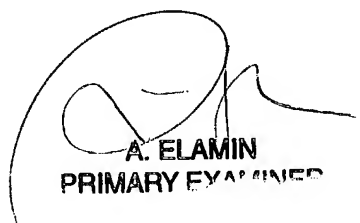
Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (703)305-3804. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (703) 308-1159. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2116

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

July 25, 2004



A. ELAMIN  
PRIMARY EXAMINER

A Elamin  
Primary Examiner  
Art Unit 2116